



NOTE:
ALL EXTERIOR DOORS TO HAVE PANIC HARDWARE, PER DOOR AND
HARDWARE SCHEDULE RE: A1.2

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graph TD
    A[ACTUAL TRAVEL DISTANCE] --> B[DIRECTION OF TRAVEL]
    B --> C[DIRECTION OF OCCUPANT FLOW THROUGH ELEMENT]
    C --> D[NUMBER OF OCCUPANTS ADVANCING]
    D --> E[ROOM / SPACE AREA (SQ. FT.)]
    E --> F[OCCUPANT LOAD FACTOR (SQ. FT. / PERSON)]
    F --> G[NUMBER OF CALCULATED OCCUPANTS]
    G --> H[TOTAL NUMBER OF OCCUPANTS EXITING]
    H --> I[CAPACITY OF EXIT ELEMENT]
    I --> J[EXIT WIDTH (WHOLE INCHES)]
  
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The diagram illustrates the process for determining the required exit width based on occupant load. It begins with 'ACTUAL TRAVEL DISTANCE', which leads to 'DIRECTION OF TRAVEL'. This then leads to 'DIRECTION OF OCCUPANT FLOW THROUGH ELEMENT', which leads to 'NUMBER OF OCCUPANTS ADVANCING'. From there, the process moves to 'ROOM / SPACE AREA (SQ. FT.)', then 'OCCUPANT LOAD FACTOR (SQ. FT. / PERSON)', and then 'NUMBER OF CALCULATED OCCUPANTS'. This number is then used to determine the 'TOTAL NUMBER OF OCCUPANTS EXITING', which leads to 'CAPACITY OF EXIT ELEMENT', and finally to 'EXIT WIDTH (WHOLE INCHES)'. The flowchart uses rectangular boxes for most steps, with a diamond shape for 'CAPACITY OF EXIT ELEMENT' and a rounded rectangle for 'EXIT WIDTH (WHOLE INCHES)'. Arrows indicate the sequential flow from top to bottom.

ALL WORK UNDER THIS CONTRACT SHALL COMPLY WITH THE PROVISIONS OF THE SPECIFICATIONS AND DRAWINGS, AND SHALL SATISFY ALL APPLICABLE CODES, ORDINANCES AND REGULATIONS OF ALL GOVERNING BODIES INVOLVED.

BUILDING OCCUPANCY:	A-2
BUILDING CONSTRUCTION CLASS:	TYPE VB
BUILDING HEIGHT:	23'-7"
STORIES:	1
BUILDING AREA:	2,799 S.F.
BUILDING PROTECTED BY AUTOMATIC SPRINKLER SYSTEM:	NO
ALLOWABLE BUILDING AREA:	6,000 SF

NEW JERSEY UNIFORM CONSTRUCTION CODE, INCL. FOLLOWING SUBCODES	
BUILDING	2018 IBC
PLUMBING	2018 NATIONAL STANDARD PLUMBING CODE
MECHANICAL	2018 IMC
ELECTRICAL	2017 NEC NFPA 70
FUEL AND GAS	2018 IFGC
FIRE CODE	2015 IFC - NEW JERSEY ADDITION
ENERGY CODE	2016 ASHRAE 90.1
ADA	CHAP 11 OF BUILDING SUBCODE, INCL 2009 ICC/ANSI A117.1 AND NEW JERSEY BARRIER FREE SUBCODE.

FOR TYPE IIB CONSTRUCTION : PER TABLE 602	
PRIMARY STRUCTURAL FRAME:	0
BEARING WALLS (EXTERIOR AND INTERIOR):	0
NONBEARING WALLS - EXTERIOR:	0
NONBEARING WALLS - INTERIOR:	0
FLOOR CONSTRUCTION:	0
ROOF CONSTRUCTION:	0

OCCUPANCY GROUPS A2:

$X < 5'$	2 HRS
$5' \leq X < 10'$	1 HR
$10' \leq X < 30'$	1 HR
$X \geq 30'$	0 HRS

CALCULATED OCC. LOAD			
DINING	515 SF	15 SF PER OCC.	34 OCC. (43 SEATS)
BOOTH SEATING	576*	24* PER OCC.	24 OCC
STANDING SPACE	41 SF	5 SF PER OCC.	9 OCC.
COMMERCIAL KITCHEN	1216 SF	200 SF PER OCC.	6 OCC.

NUMBER OF EXITS PER SPACE :	USE GROUP- A2
OCCUPANT LOAD OF 49 OR LESS	ONE EXIT REQUIRED
OCCUPANT LOAD OF 50 TO 500	TWO EXITS REQUIRED

ACTUAL EXITS PROVIDED
4 EXITS

OCCUPANT LOAD WITHOUT DUPLICATION
FOR ACCESSORY USE AREAS: 83

FOUNTAIN WILL NOT BE REQUIRED

PRIMARY OCCUPANCY TYPES: ASSEMBLY (A-2)

	M (1 PER 75)	F (1 PER 75)
WATER CLOSETS:		
REQUIRED	1	1
PROVIDED	1	1
LAVATORIES:	ALL (1 PER 200)	
REQUIRED	1	
PROVIDED	1	
DRINKING FOUNTAINS:	PER IPC SECTION 410, DRINKING	
REQUIRED	WHERE WATER IS SERVED IN	
PROVIDED	RESTAURANTS	
REQUIRED SERVICE SINK:		
REQUIRED	1	
PROVIDED	1	

CONTACT: CATY GABOIAN

PROJECT NUMBER:

SHEET TITLE:
CODE REVIEW & LIFE
SAFETY PLAN